

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1274969

Luminaire Tested: P3AS02R159835DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274969
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159835DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

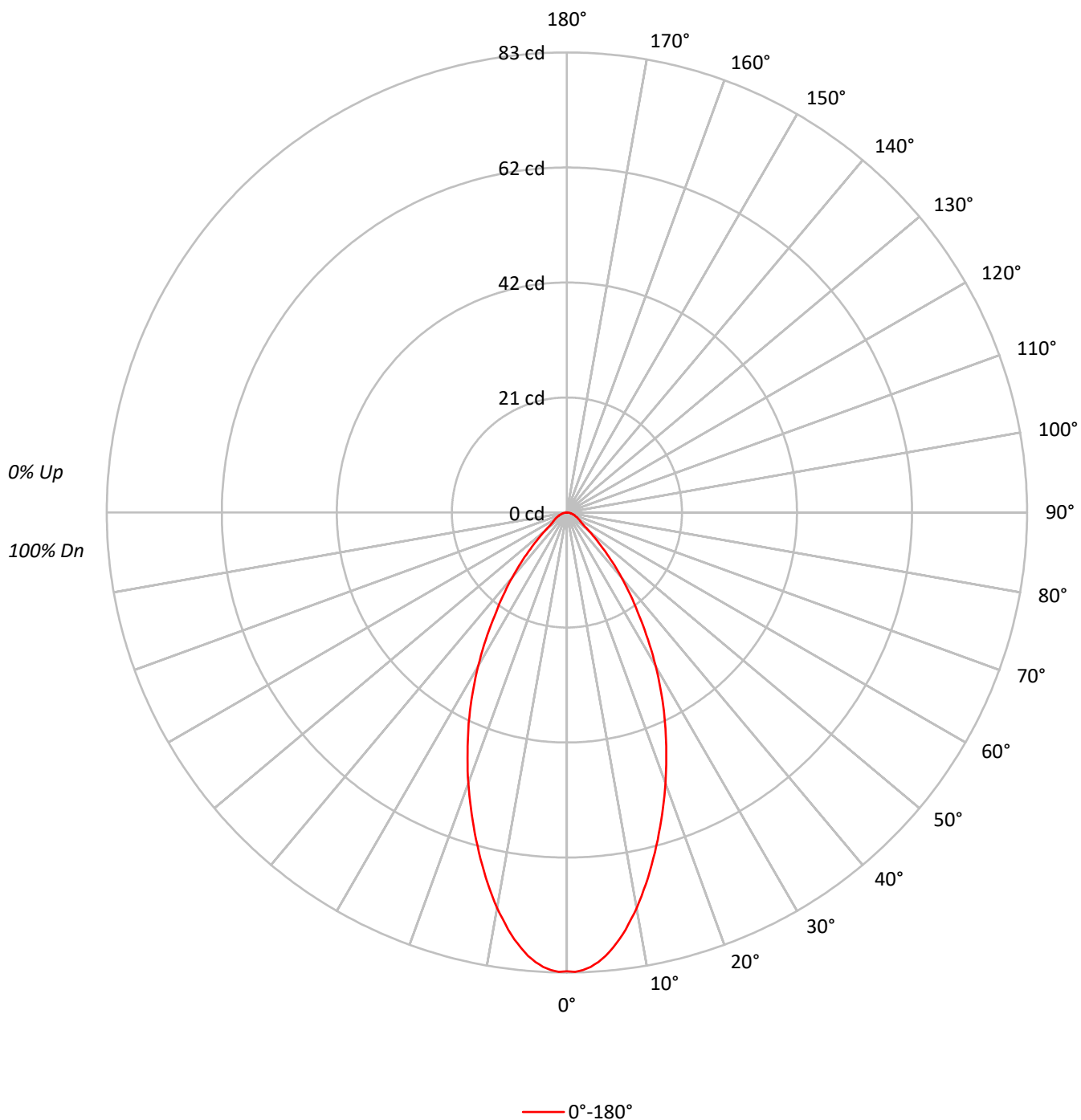
Lumens per Lamp: N/A
Luminaire Lumens: 72.0 lumens
Efficiency: N/A
Efficacy: 20.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		91
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		83
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		76
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		70
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		65
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		60
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		56
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		52
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		49
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	18156
5°	17675
10°	16143
15°	14143
20°	12134
25°	10138
30°	8103
35°	6077
40°	4408
45°	2884
50°	1808
55°	1223
60°	1096
65°	986
70°	962
75°	847
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2884 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.4	10.3
10°-20°	17.4	24.1
20°-30°	19.1	26.6
30°-40°	14.3	19.9
40°-50°	7.4	10.3
50°-60°	3.1	4.3
60°-70°	1.9	2.6
70°-80°	1.1	1.5
80°-90°	0.3	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	43.9	61.0
0°-40°	58.2	80.9
0°-60°	68.7	95.4
0°-90°	72.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	72.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	83	
5°	80	7
15°	62	17
25°	42	19
35°	23	14
45°	9	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	82.8
1°	82.9
2°	82.6
3°	82.1
4°	81.3
5°	80.3
6°	79.0
7°	77.6
8°	76.0
9°	74.2
10°	72.5
12.5°	67.5
15°	62.3
17.5°	57.1
20°	52.0
22.5°	46.8
25°	41.9
27.5°	36.9
30°	32.0
32.5°	27.2
35°	22.7
37.5°	18.9
40°	15.4
42.5°	12.2
45°	9.3
47.5°	7.0
50°	5.3
52.5°	3.9
55°	3.2
57.5°	2.8
60°	2.5
62.5°	2.2
65°	1.9
67.5°	1.6
70°	1.5
72.5°	1.2
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.5
85°	0.3
87.5°	0.1
90°	0.0

(END OF REPORT)